

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\
 Data File : VL033525.D
 Acq On : 30 Mar 2019 6:15
 Operator : SY/AP
 Sample : K2042-09
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1-MAIN-DECT-ROOM

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:03:33 AM

Quant Time: Mar 31 01:01:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	816619	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1794987	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1844519	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1437729	9.94	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	68987	0.579	ppbv	98
4) Chloromethane	3.17	50	22046	0.443	ppbv	89
9) Propene	3.05	41	67664m	1.714	ppbv	
10) Heptane	8.25	43	18046m	0.171	ppbv	
11) Trichlorofluoromethane	4.00	101	41981	0.286	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.56	101	8429m	0.085	ppbv	
13) Ethanol	3.67	45	1979284	193.729	ppbv	65
15) Acetone	3.90	43	1232563	12.553	ppbv	99
17) tert-Butyl alcohol	4.38	59	19181m	1.062	ppbv	
19) Isopropyl Alcohol	4.05	45	208620	3.359	ppbv #	1
20) Methylene Chloride	4.41	84	522823	12.544	ppbv	98
26) Hexane	5.78	57	574608	7.094	ppbv #	41
29) Chloroform	5.85	83	96327	0.694	ppbv	88
31) cis-1,2-Dichloroethene	5.64	61	83604	1.038	ppbv	96
34) 2-Butanone	5.34	43	109466	1.015	ppbv	97
35) Carbon Tetrachloride	7.13	117	10214m	0.080	ppbv	
36) Benzene	7.00	78	55414	0.368	ppbv	98
38) Trichloroethene	7.96	130	660531	11.653	ppbv	99
44) 2,2,4-Trimethylpentane	7.98	57	67554m	0.257	ppbv	
52) Tetrachloroethene	11.37	164	14325m	0.252	ppbv	
53) Toluene	9.95	91	622451	3.556	ppbv	100
58) Ethyl Benzene	12.87	91	34314m	0.139	ppbv	
59) m/p-Xylene	13.12	91	101090m	0.459	ppbv	
60) o-Xylene	13.85	91	31950m	0.150	ppbv	
74) 1,2,4-Trimethylbenzene	16.93	105	26663	0.109	ppbv #	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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